

### **ABSTRACT**

A printhead assembly includes an elongate channel member having a floor and a pair of opposed sidewalls. The elongate channel member is of a metal having thermal expansion properties that are similar to thermal expansion properties of silicon. A number of printhead modules are positioned in the support structure, along a length of the support structure. Each printhead module includes an elongate ink supply assembly that is positioned in the channel. The ink supply assembly is configured to receive a supply of ink and to provide a plurality of ink flow paths interposed between the supply of ink and a plurality of outlet openings defined by the ink supply assembly. An elongate printhead chip is mounted on the ink supply assembly to be fed with ink from the ink supply assembly.